

FIG. 1

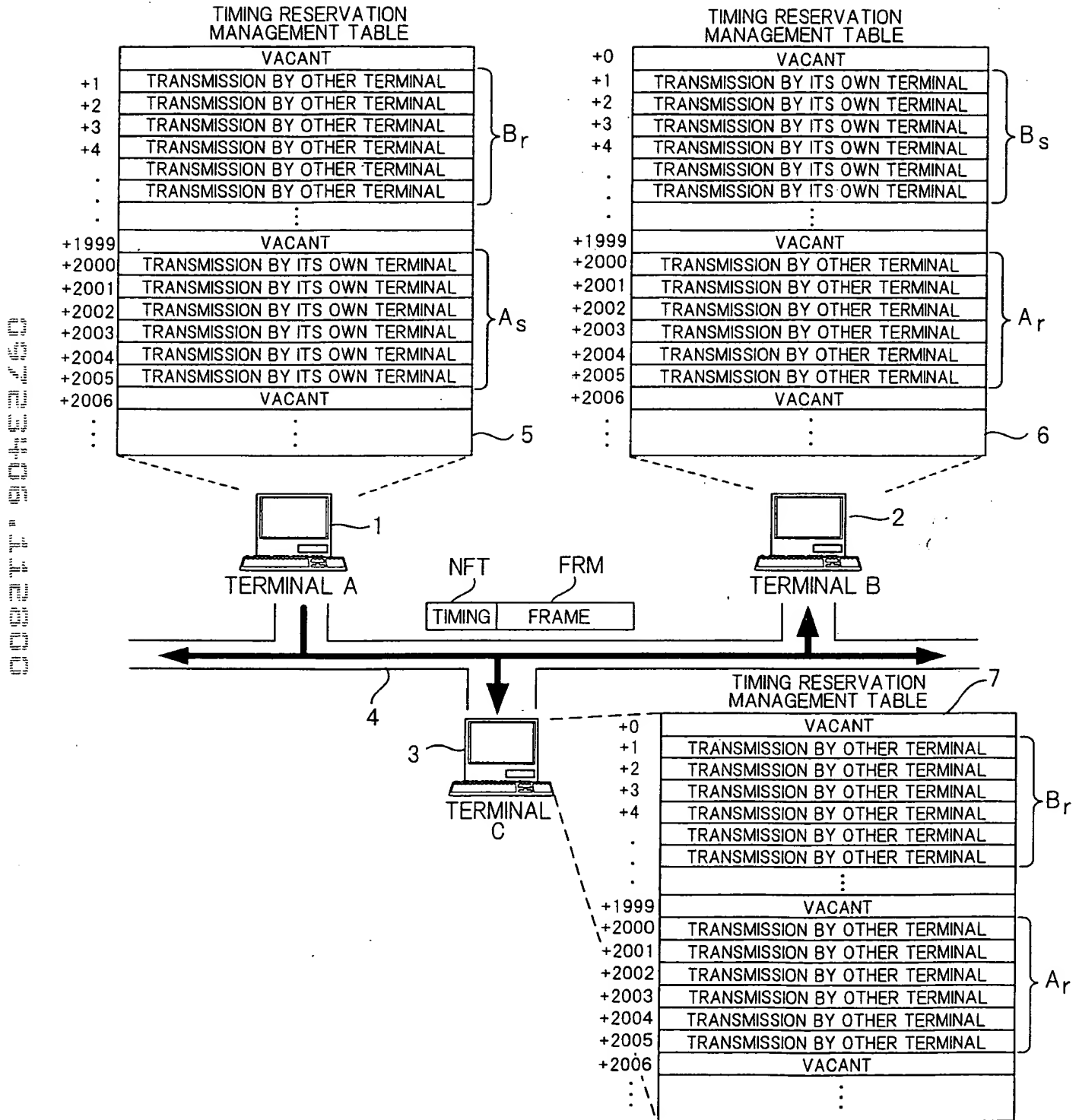
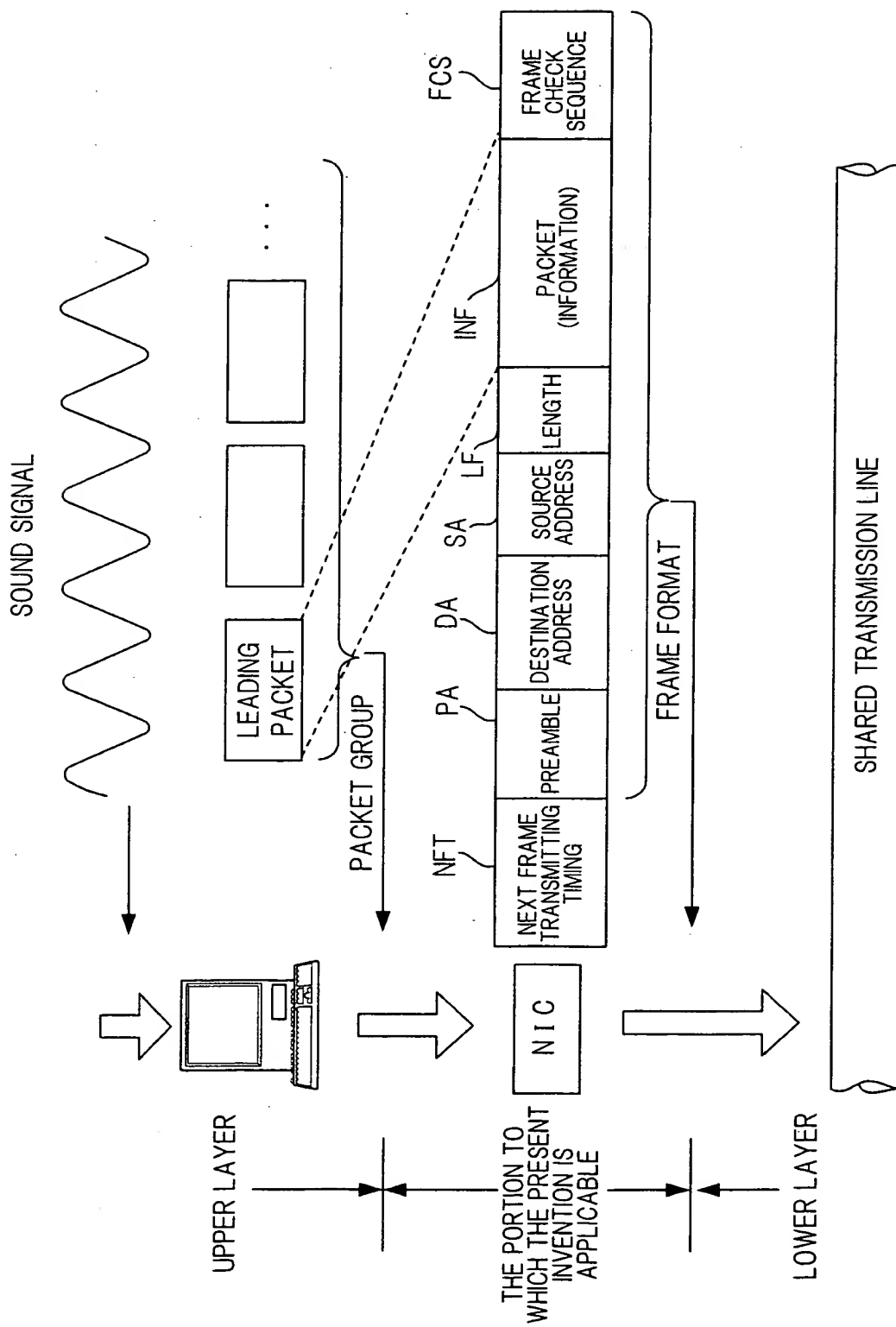


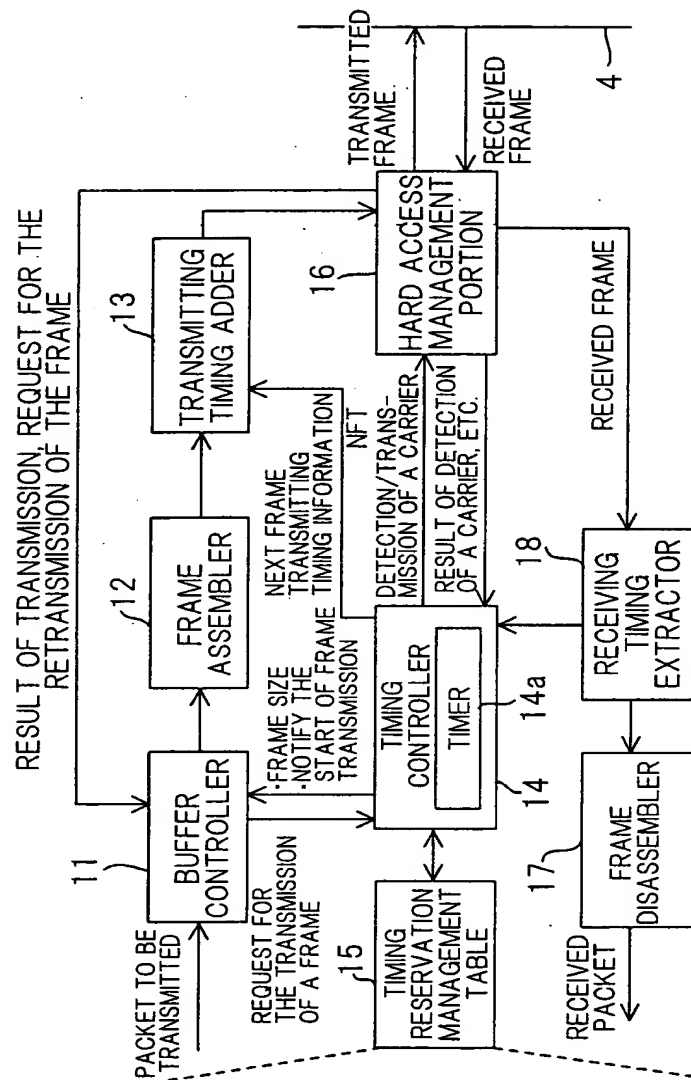
FIG. 2

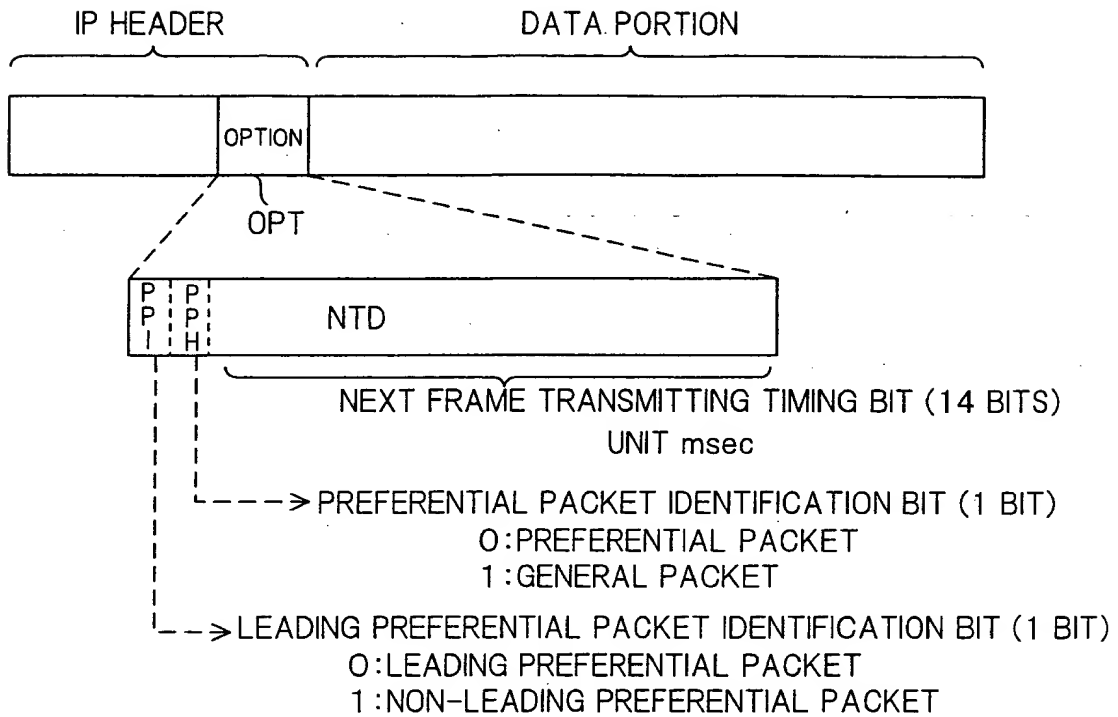
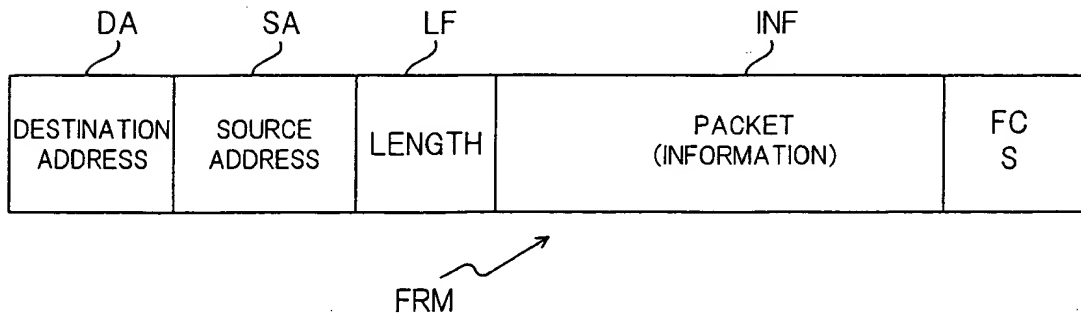


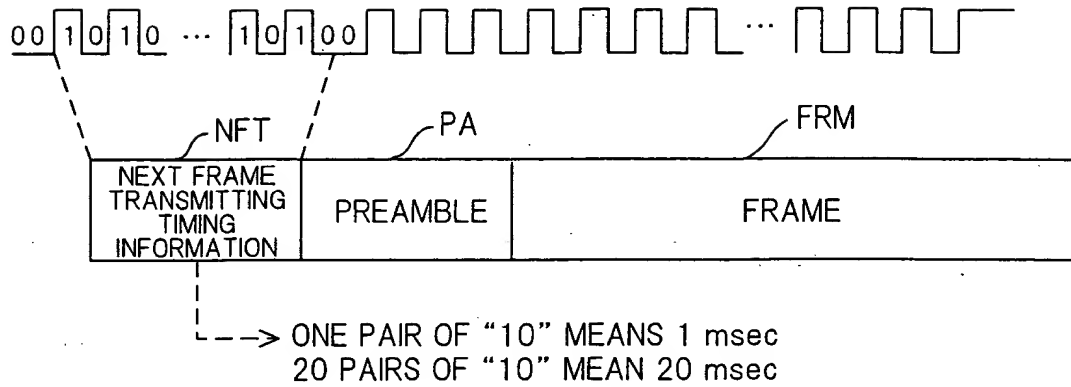
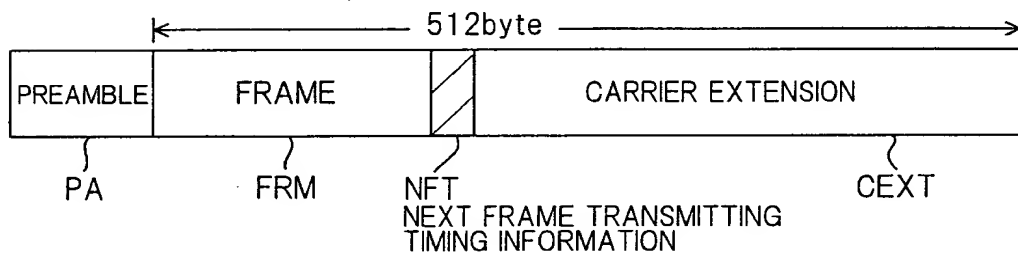
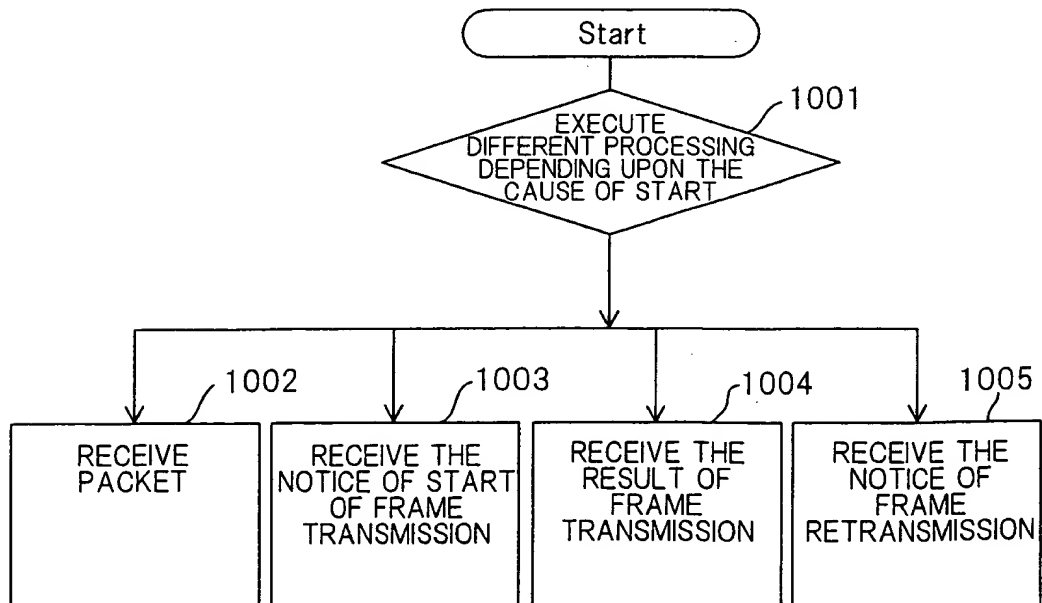
+0	VACANT
+1	VACANT
+2	TRANSMISSION BY OTHER TERMINAL
+3	TRANSMISSION BY OTHER TERMINAL
+4	TRANSMISSION BY OTHER TERMINAL
.	.
.	.
.	.
+1999	VACANT
+2000	TRANSMISSION BY ITS OWN TERMINAL
+2001	TRANSMISSION BY ITS OWN TERMINAL
+2002	TRANSMISSION BY ITS OWN TERMINAL
+2003	TRANSMISSION BY ITS OWN TERMINAL
+2004	TRANSMISSION BY ITS OWN TERMINAL
+2005	TRANSMISSION BY ITS OWN TERMINAL
+2006	VACANT
.	.
.	.
.	.

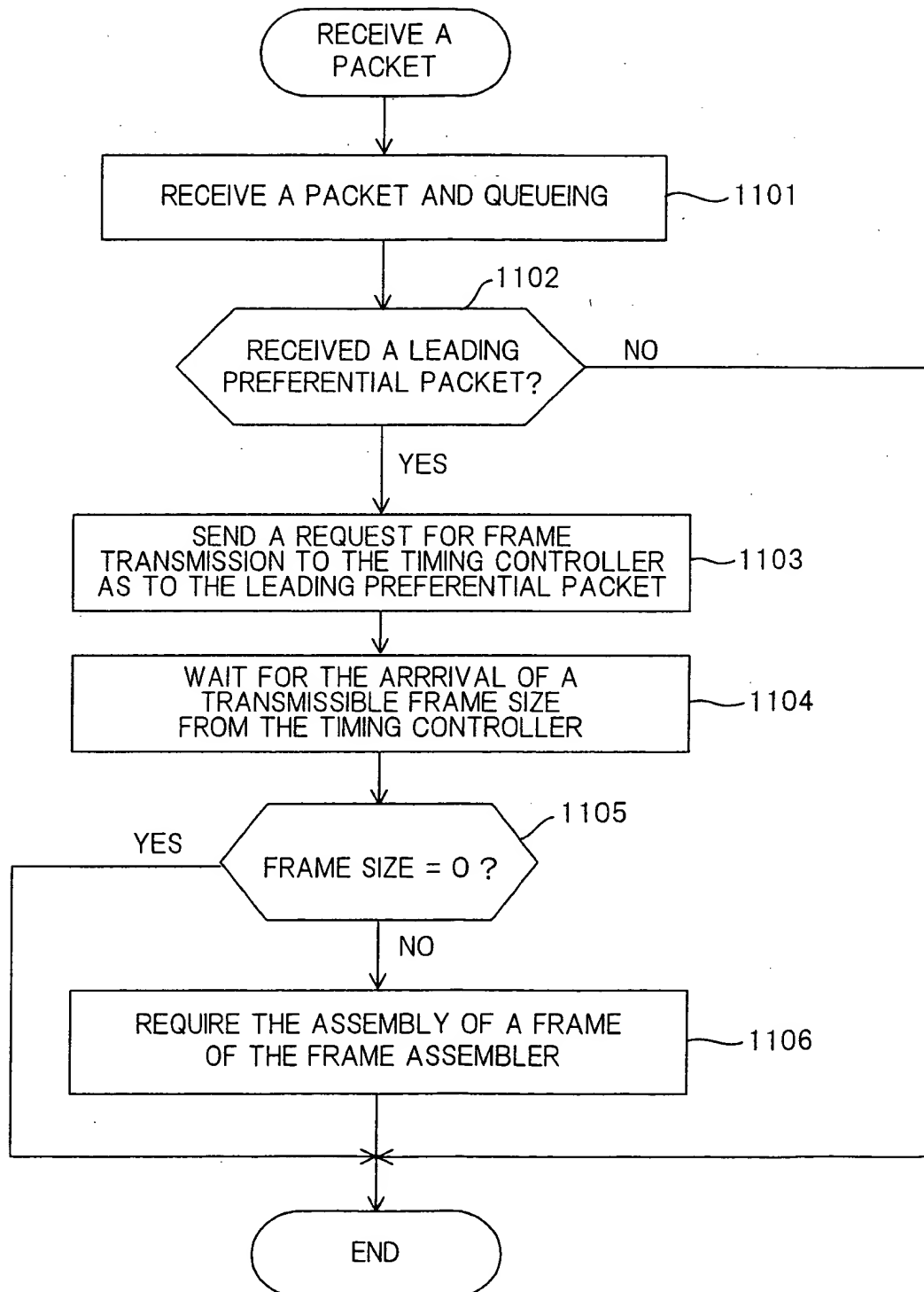
TIMING RESERVATION  
MANAGEMENT TABLE

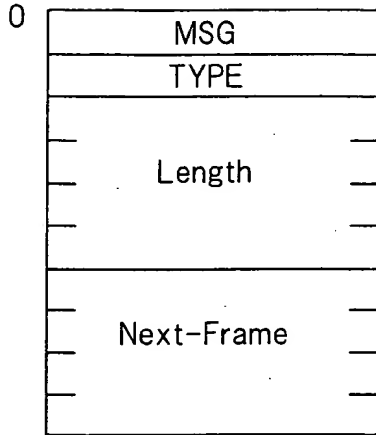
FIG. 3



**FIG. 4****FIG. 5**

**FIG. 6A****FIG. 6B****FIG. 7**

*FIG. 8*

**FIG. 9A**

MSG: MESSAGE TYPE

01: REQUEST FOR FRAME TRANSMISSION

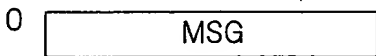
TYPE: FRAME TYPE

01: PREFERENTIAL FRAME (LEADING)

02: PREFERENTIAL FRAME (NON-LEADING)

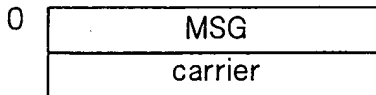
03: GENERAL FRAME

Length: TRANSMISSION FRAME SIZE

Next-Frame: NEXT FRAME TRANSMITTING TIMING  
(msec)**FIG. 9B**

MSG: MESSAGE TYPE

OF: REQUEST FOR CARRIER

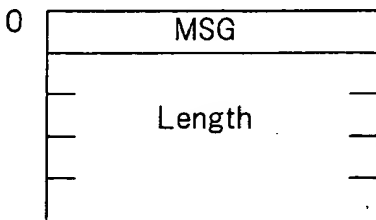
**FIG. 9C**

MSG: MESSAGE TYPE

10: NOTICE OF CARRIER

carrier: 01 CARRIER

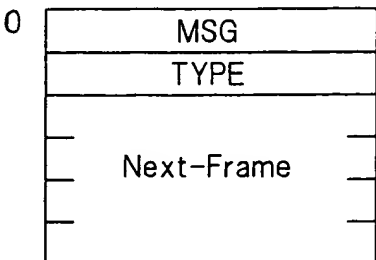
02 NO CARRIER

**FIG. 9D**

MSG: MESSAGE TYPE

02: TRANSMISSIBLE

Length: TRANSMISSIBLE FRAME SIZE

**FIG. 9E**

MSG: MESSAGE TYPE

03: TRANSMITTING TIMING

TYPE: FRAME TYPE

01: PREFERENTIAL FRAME (LEADING)

02: PREFERENTIAL FRAME (NON-LEADING)

03: GENERAL FRAME

Next-Frame: NEXT FRAME TRANSMITTING TIMING  
(msec)

**FIG. 10**

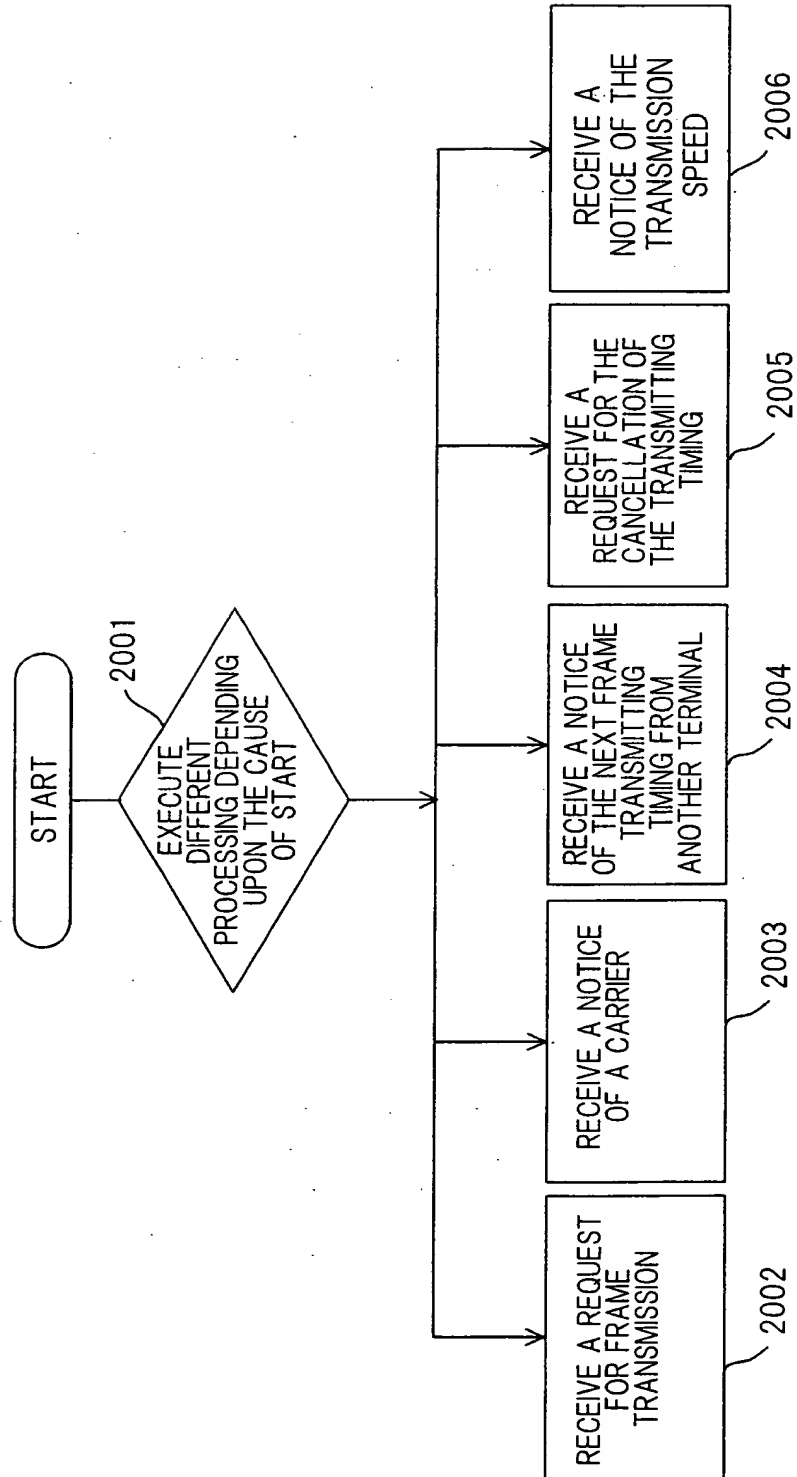




FIG. 11

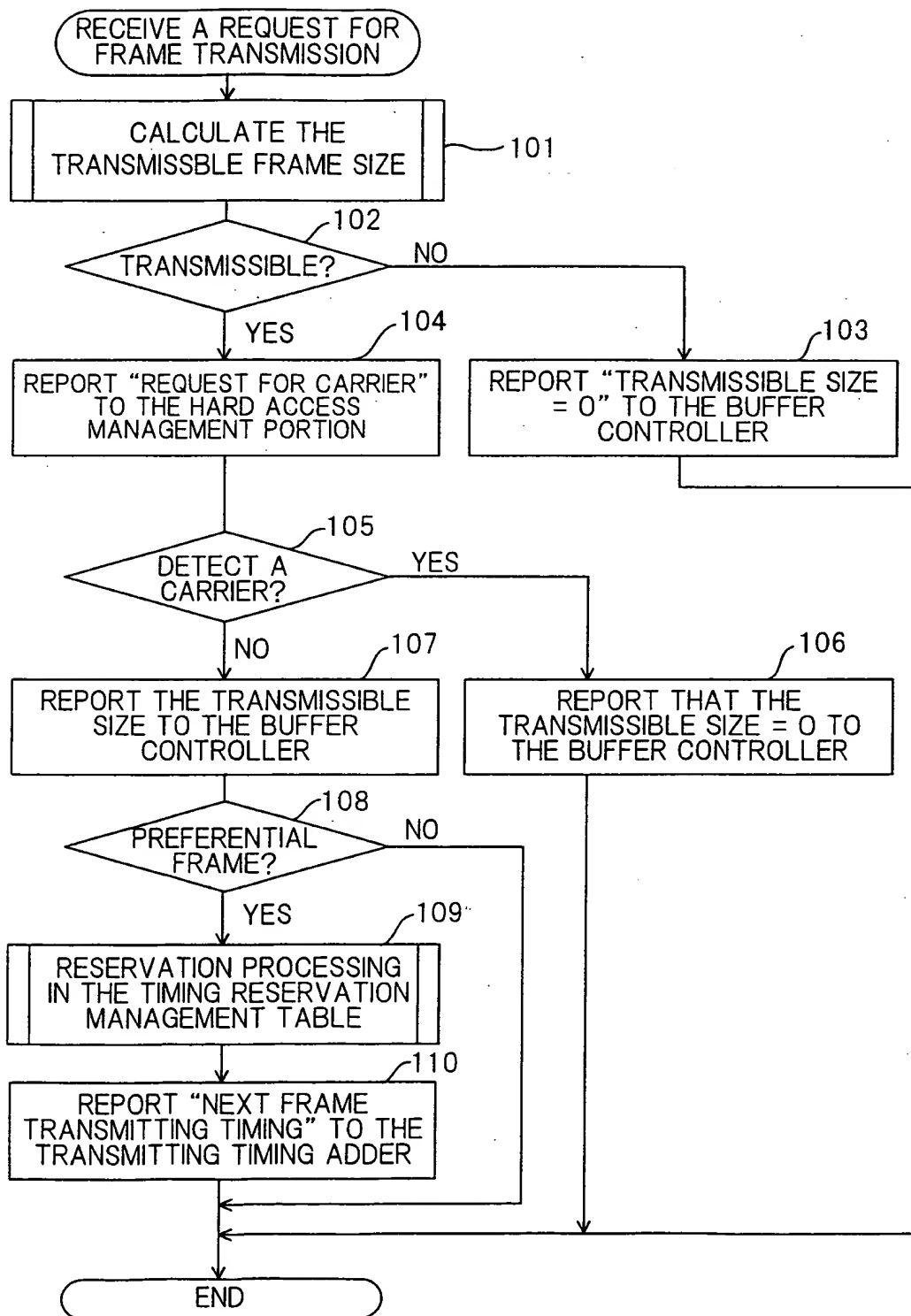
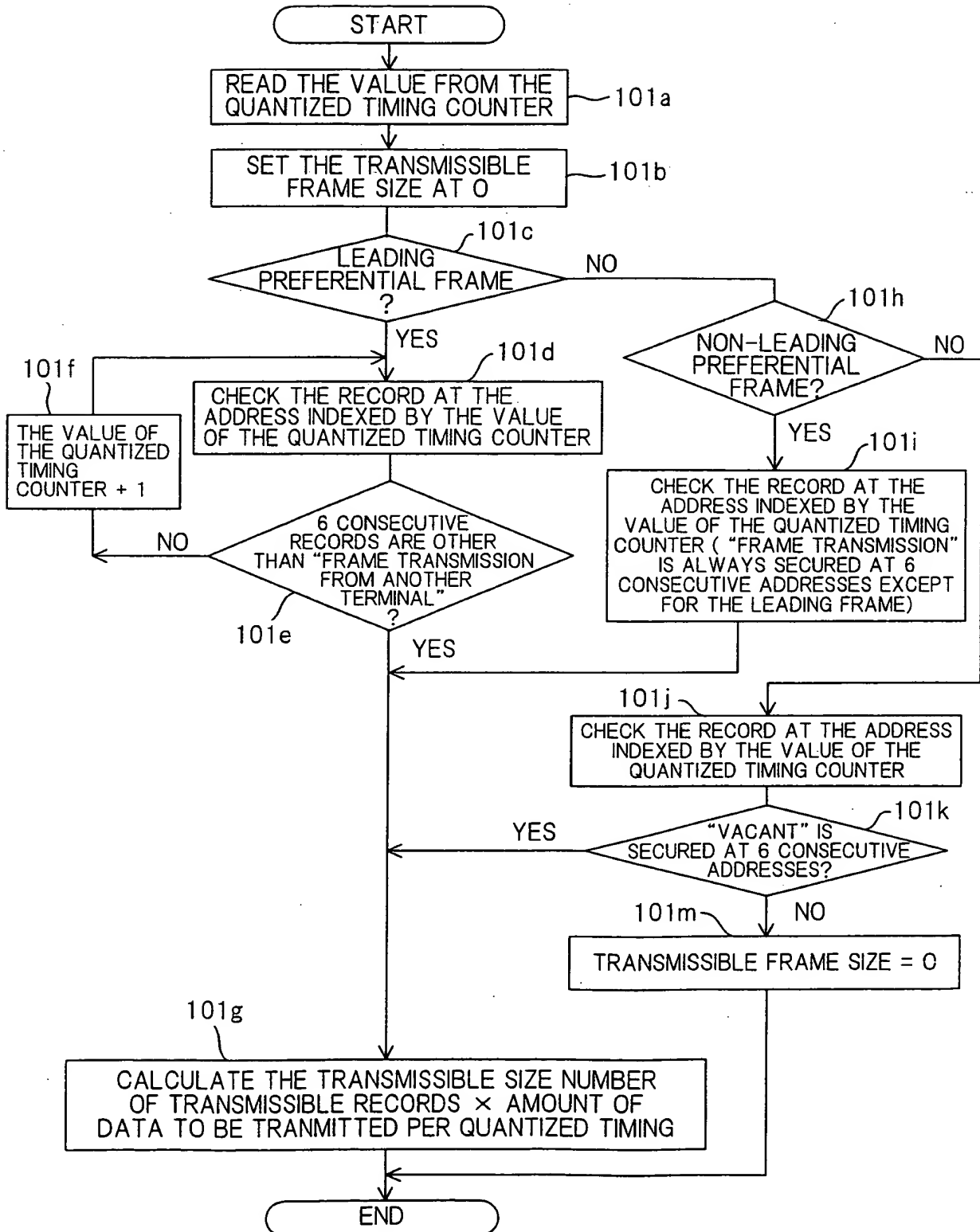


FIG. 12



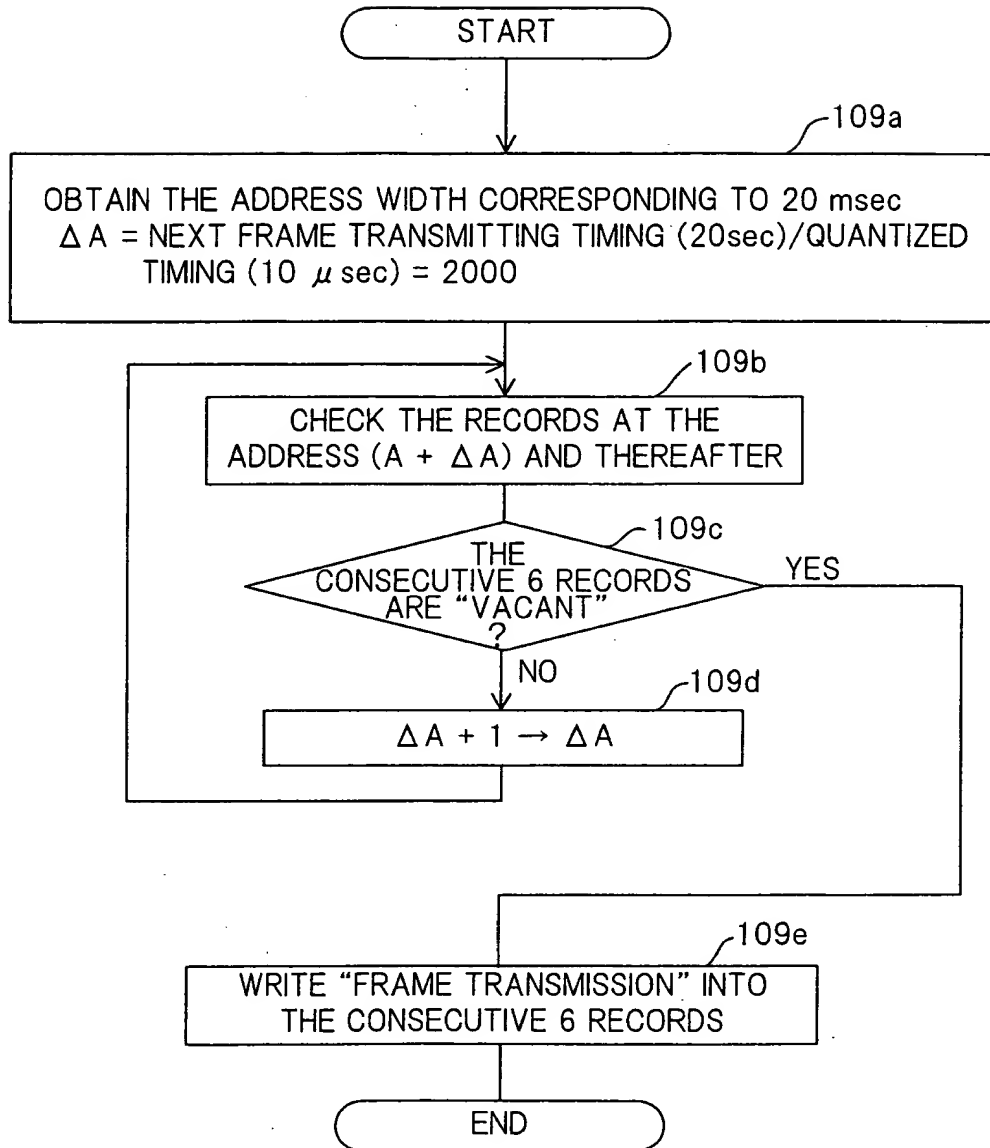
*FIG. 13*

FIG. 14A

0

MSG
TYPE
Length

MSG: MESSAGE TYPE  
04: FRAME ASSEMBLY  
TYPE: FRAME TYPE  
01: PREFERENTIAL FRAME (LEADING)  
02: PREFERENTIAL FRAME (NON-LEADING)  
03: GENERAL FRAME  
Length: SIZE OF FRAME TO BE TRANSMITTED

FIG. 14B

0

MSG
TYPE

MSG: MESSAGE TYPE  
05: END OF FRAME ASSEMBLY  
TYPE: FRAME TYPE  
01: PREFERENTIAL FRAME (LEADING)  
02: PREFERENTIAL FRAME (NON-LEADING)  
03: GENERAL FRAME

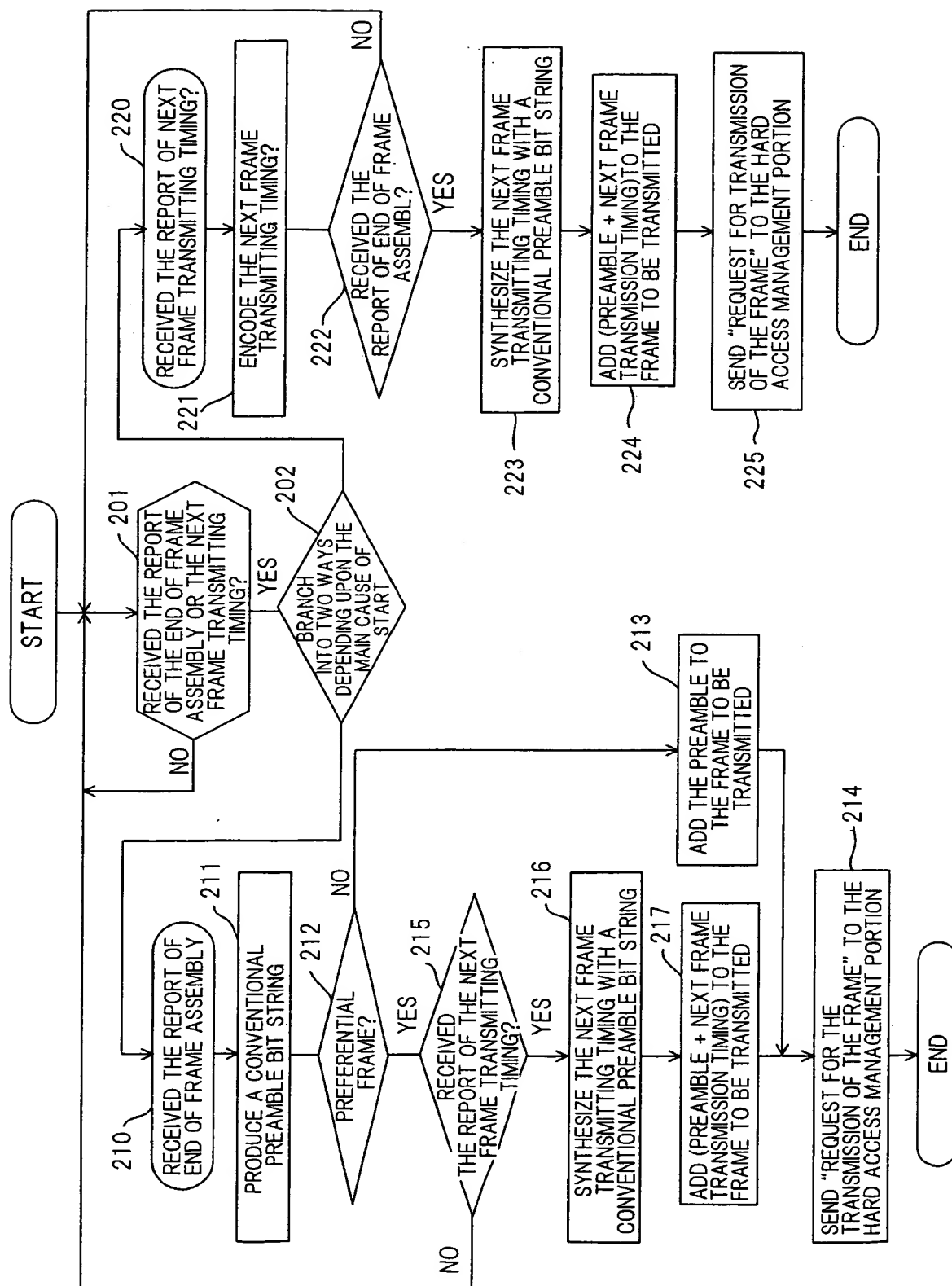
FIG. 14C

0

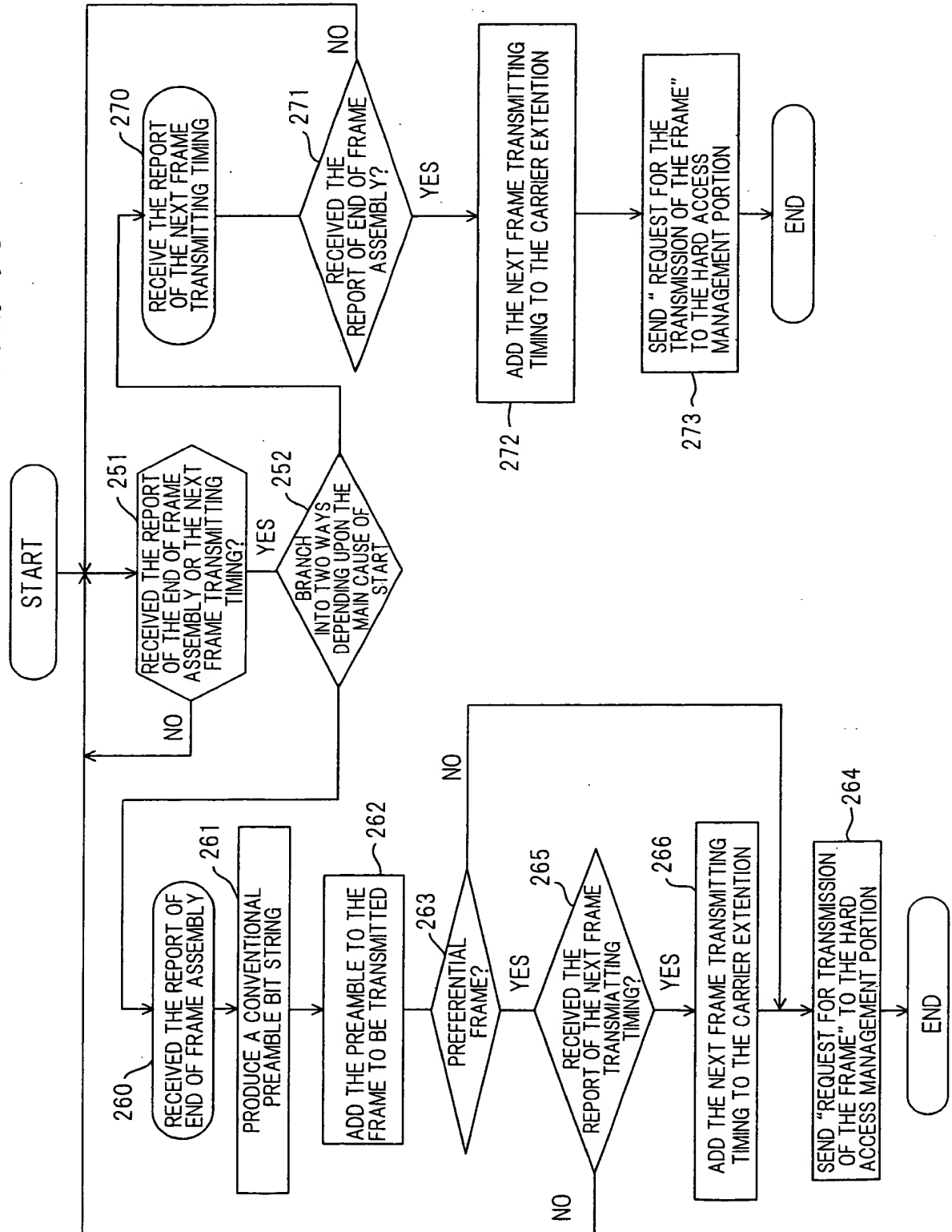
MSG
TYPE
Next-Frame

MSG: MESSAGE TYPE  
06: REQUEST FOR THE  
TRANSMISSION OF FRAME  
TYPE: FRAME TYPE  
01: PREFERENTIAL FRAME (LEADING)  
02: PREFERENTIAL FRAME (NON-LEADING)  
03: GENERAL FRAME  
Next-Frame: NEXT FRAME TRANSMITTING TIMING

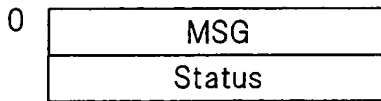
**FIG. 15**



**FIG. 16**

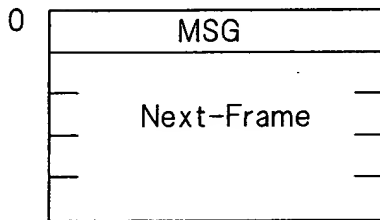


**FIG. 17A**



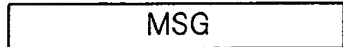
```
MSG: MESSAGE TYPE
    OB: REPORT THE RESULT OF
        FRAME TRANSMISSION
Status: TRANSMISSION STATUS
    01: NORMAL TRANSMISSION IS FINISHED
    02: A COLLISION IS DETECTED
```

**FIG. 17B**



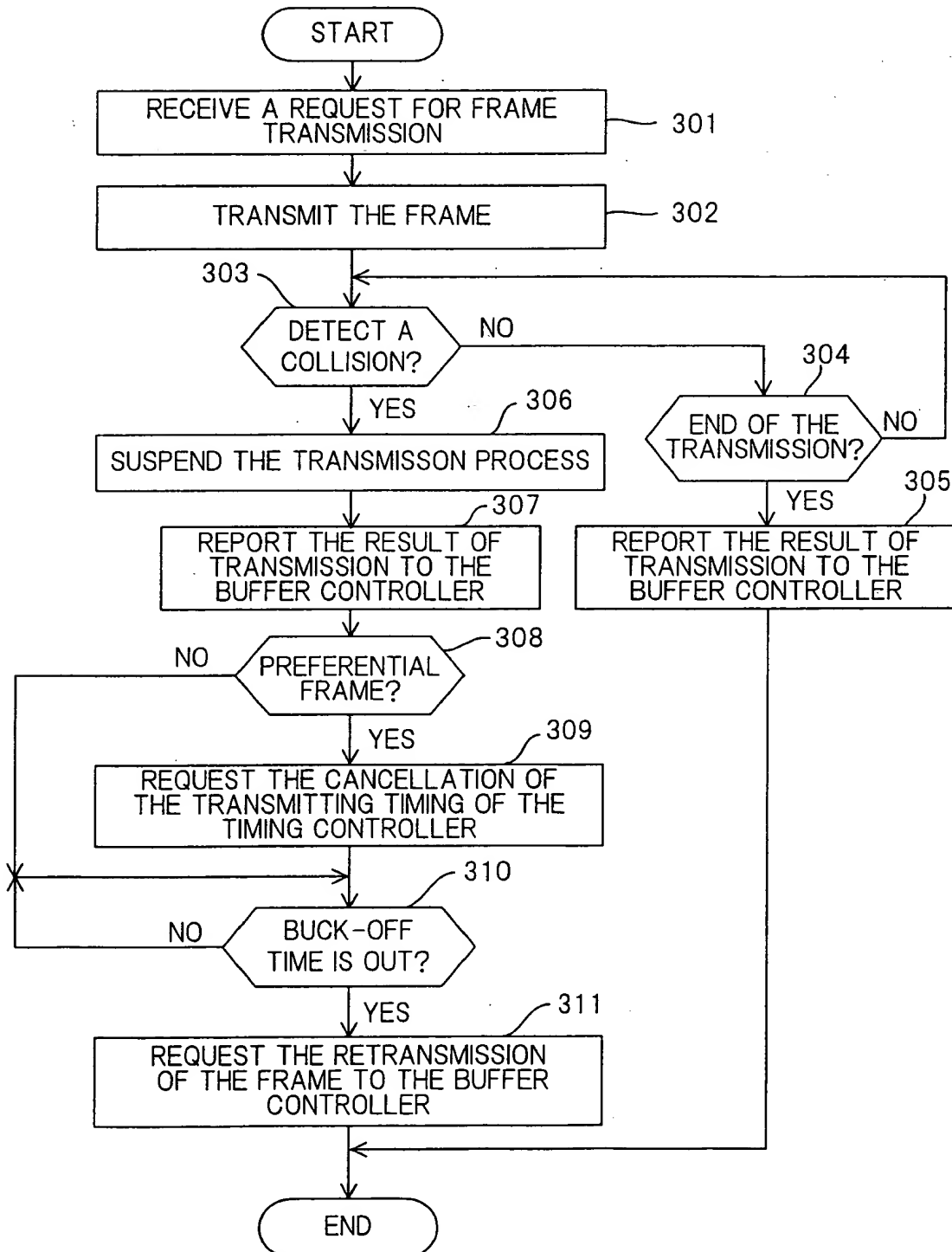
MSG: MESSAGE TYPE  
 OA: REQUEST FOR CANCELLATION OF  
 TRANSMITTING TIMING  
 Next-Frame: NEXT FRAME TRANSMITTING TIMING

**FIG. 17C**

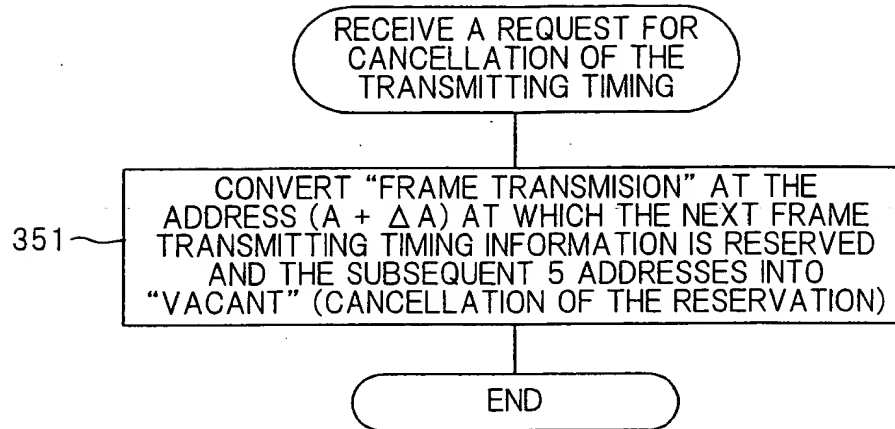
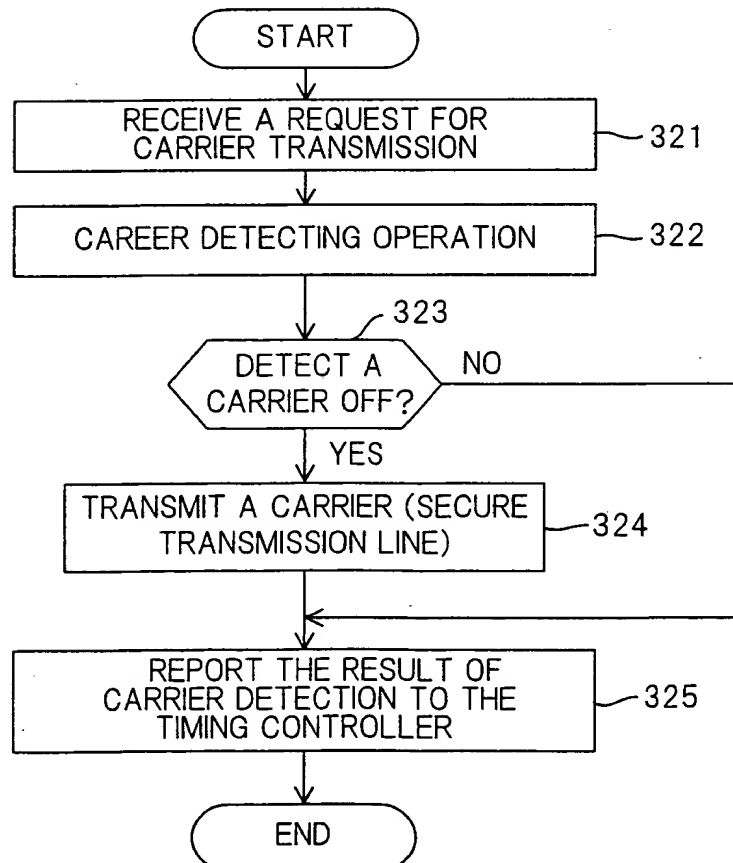


MSG: MESSAGE TYPE  
OC: REQUEST FOR RETRANSMISSION  
OF FRAME

FIG. 18





**FIG. 19****FIG. 20**

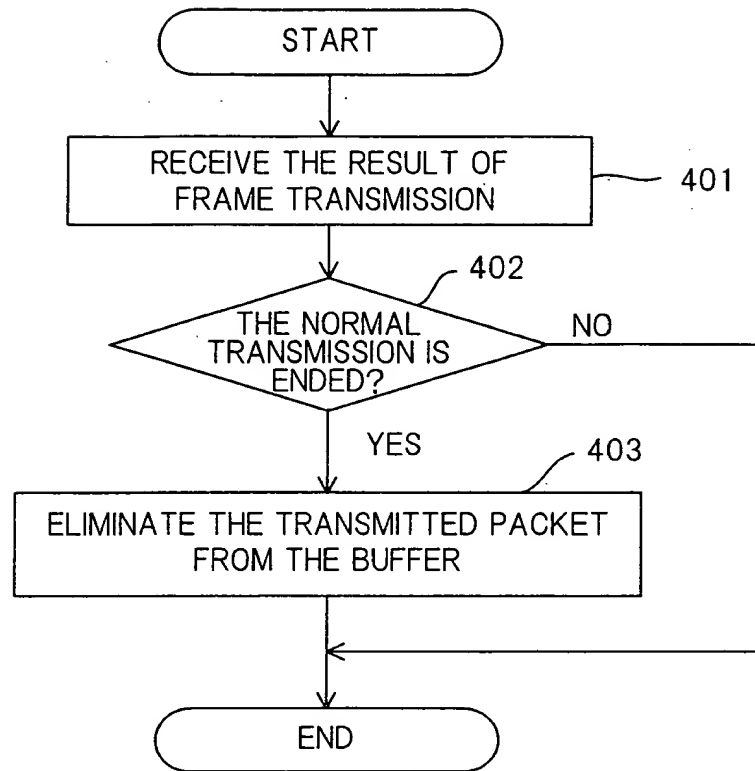
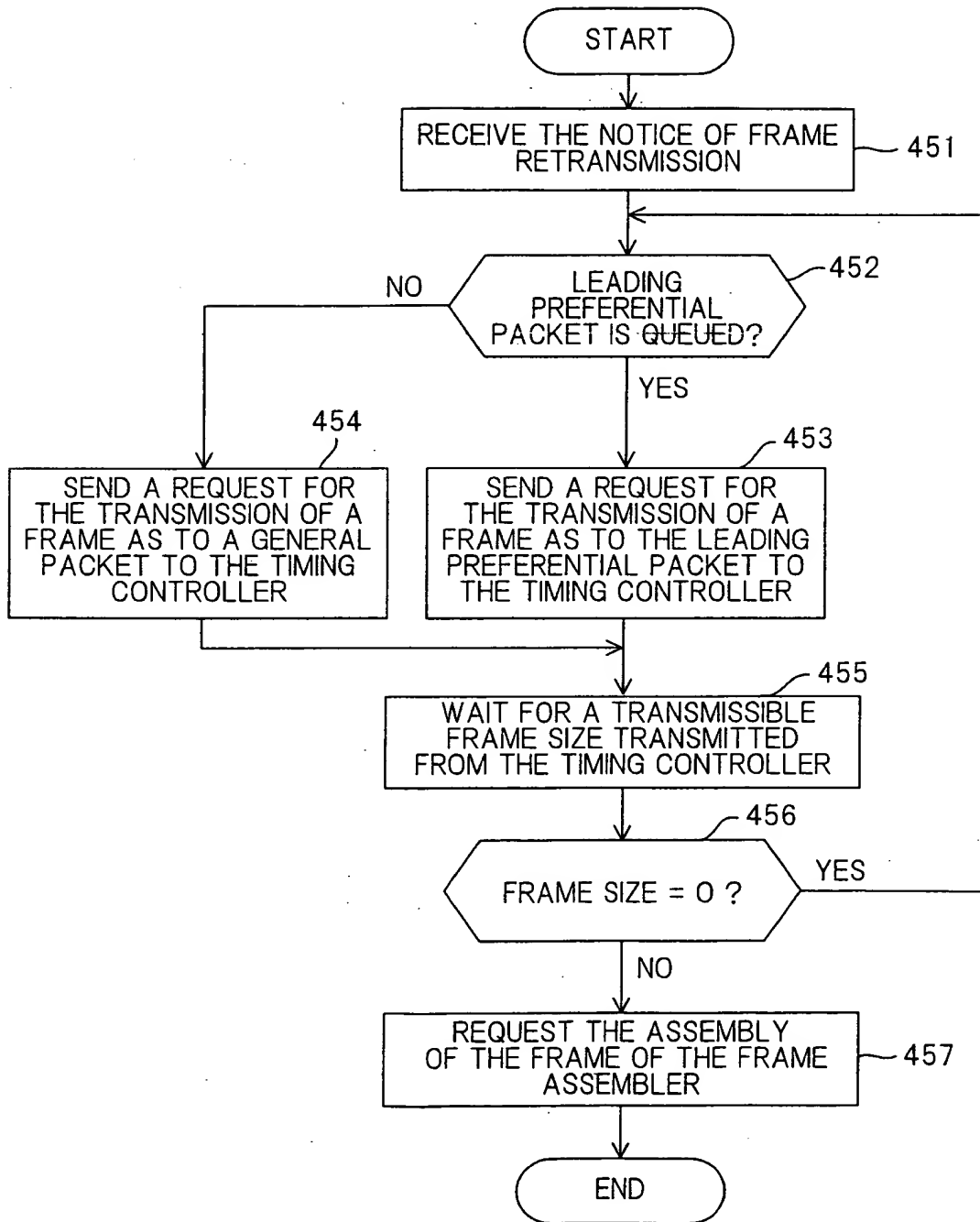
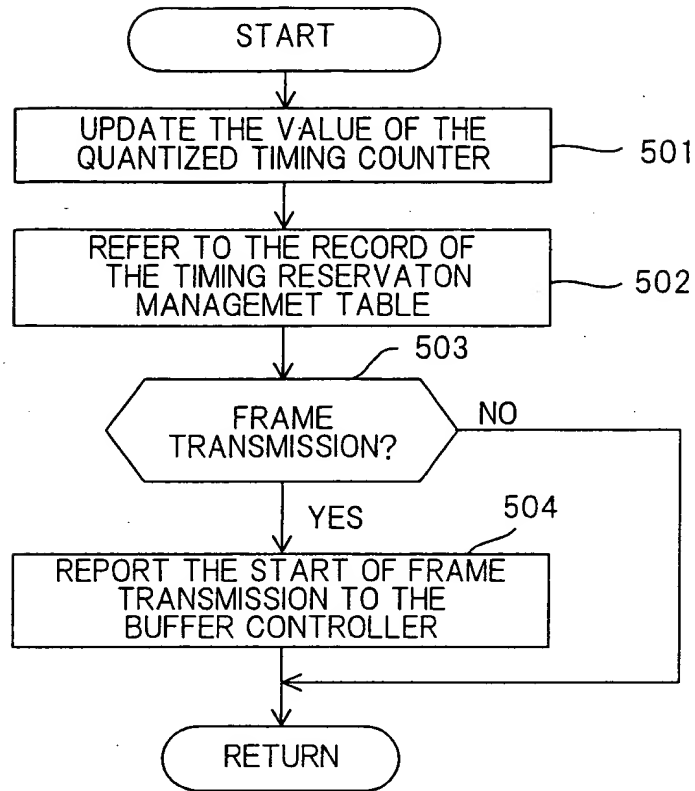
*FIG. 21*

FIG. 22



**FIG. 23****FIG. 24**

MSG
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MSG: MESSAGE TYPE  
 OD: REPORT OF THE START  
 OF FRAME TRANSMISSION

FIG. 25

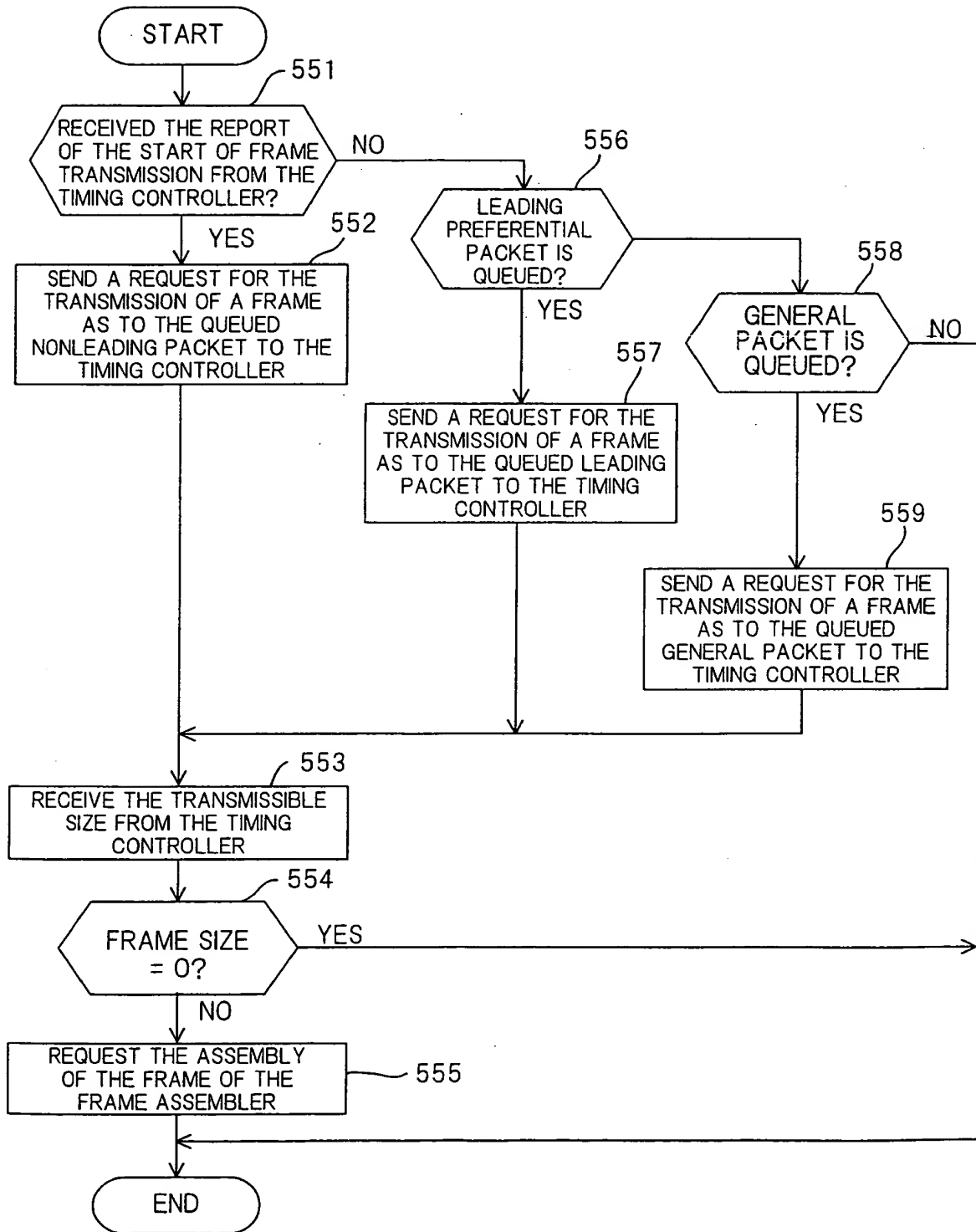
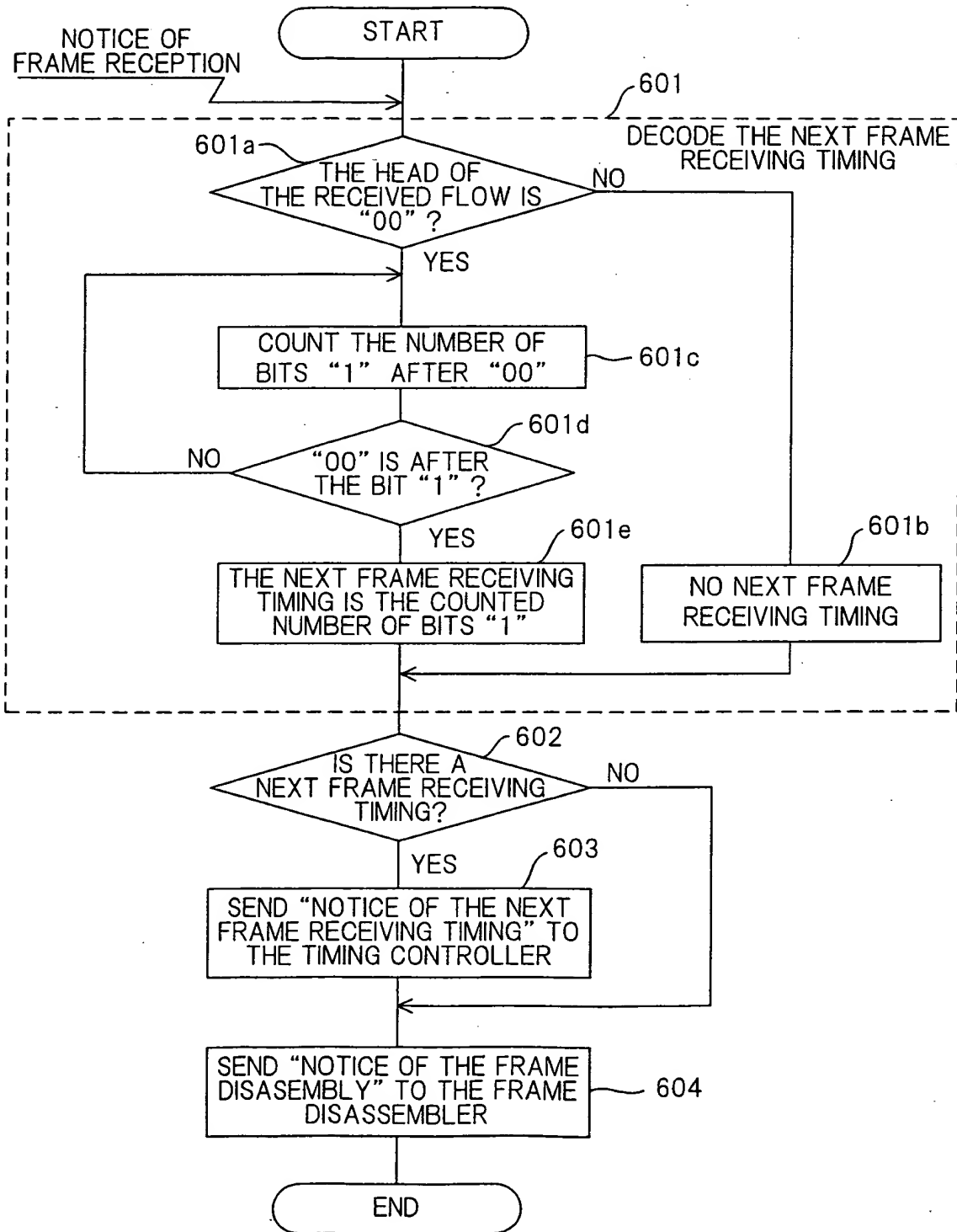
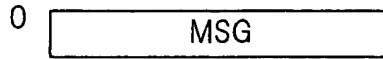


FIG. 26

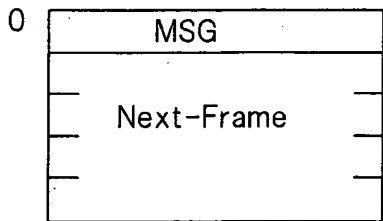


**FIG. 27A**



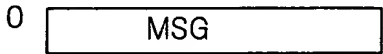
MSG: MESSAGE TYPE  
07: RECEIVE FRAME

**FIG. 27B**



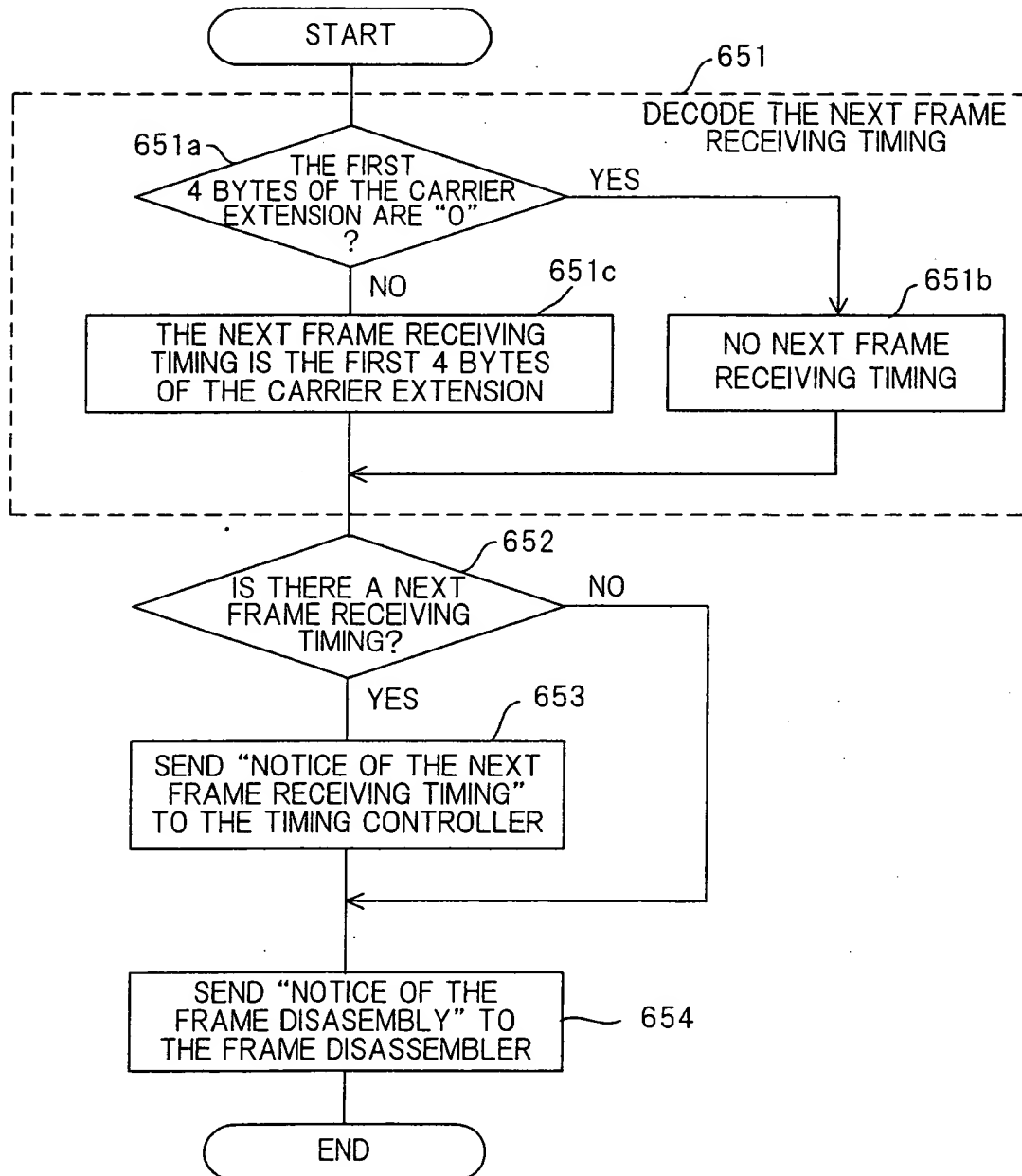
MSG: MESSAGE TYPE  
O8: RECEIVE TIMING  
Next-Frame: NEXT FRAME RECEIVING TIMING

**FIG. 27C**

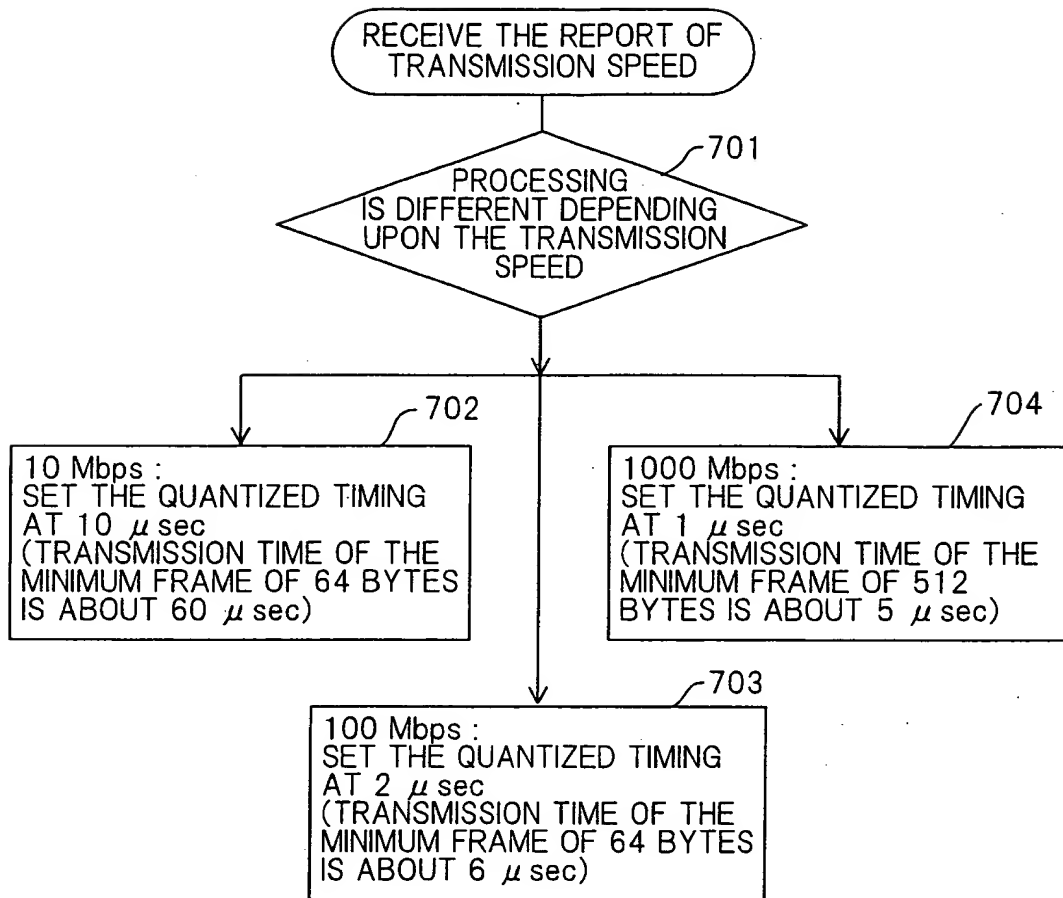


MSG: MESSAGE TYPE  
09: REQEUST FOR FRAME DISASSEMBLY

FIG. 28





**FIG. 29****FIG. 30**

0

MSG
Speed

MSG: MESSAGE TYPE

OE: REPORT OF TRANSMISSION SPEED

Speed: 01 10Mbps  
 02 100Mbps  
 03 1000Mbps

FIG. 31

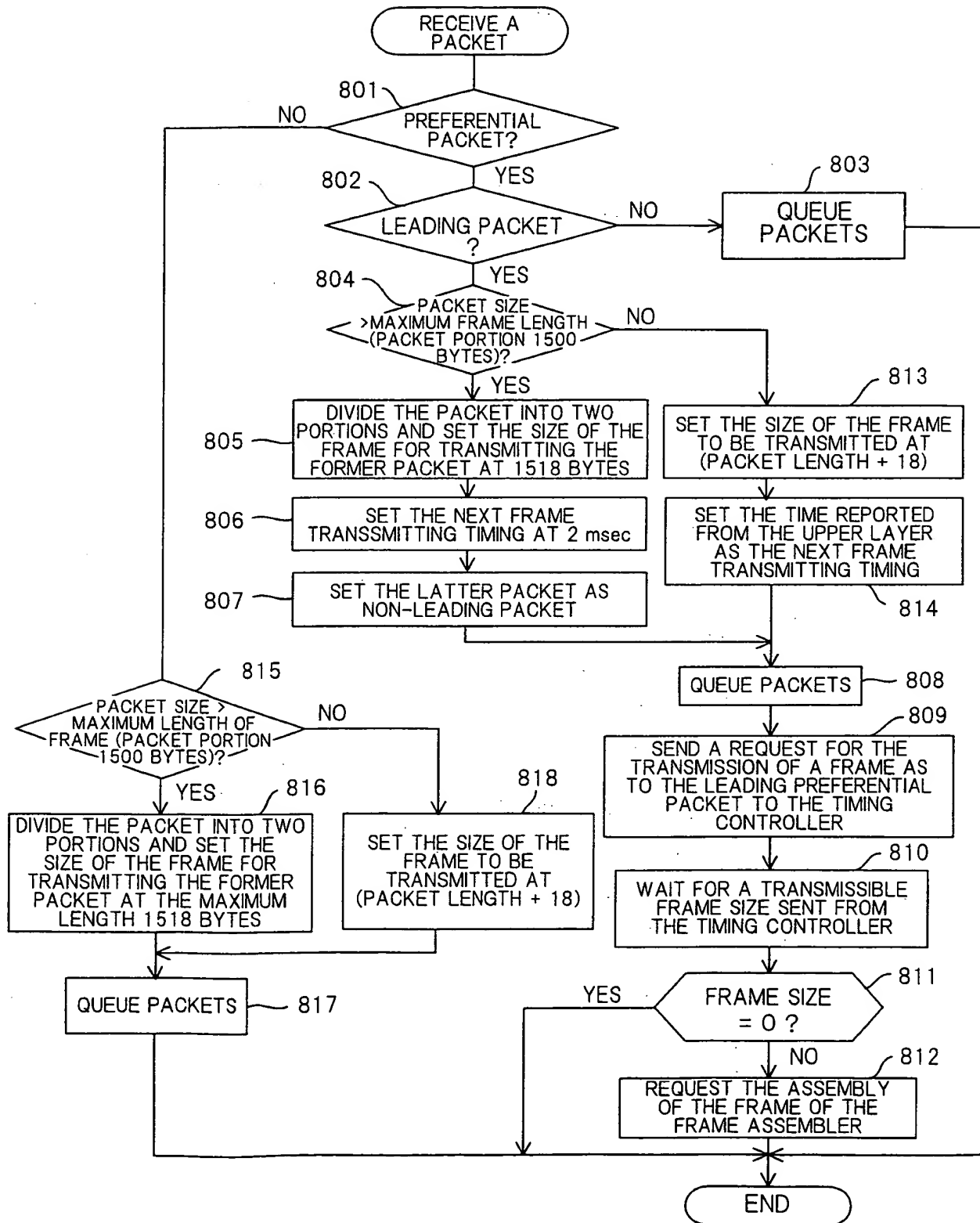


FIG. 32

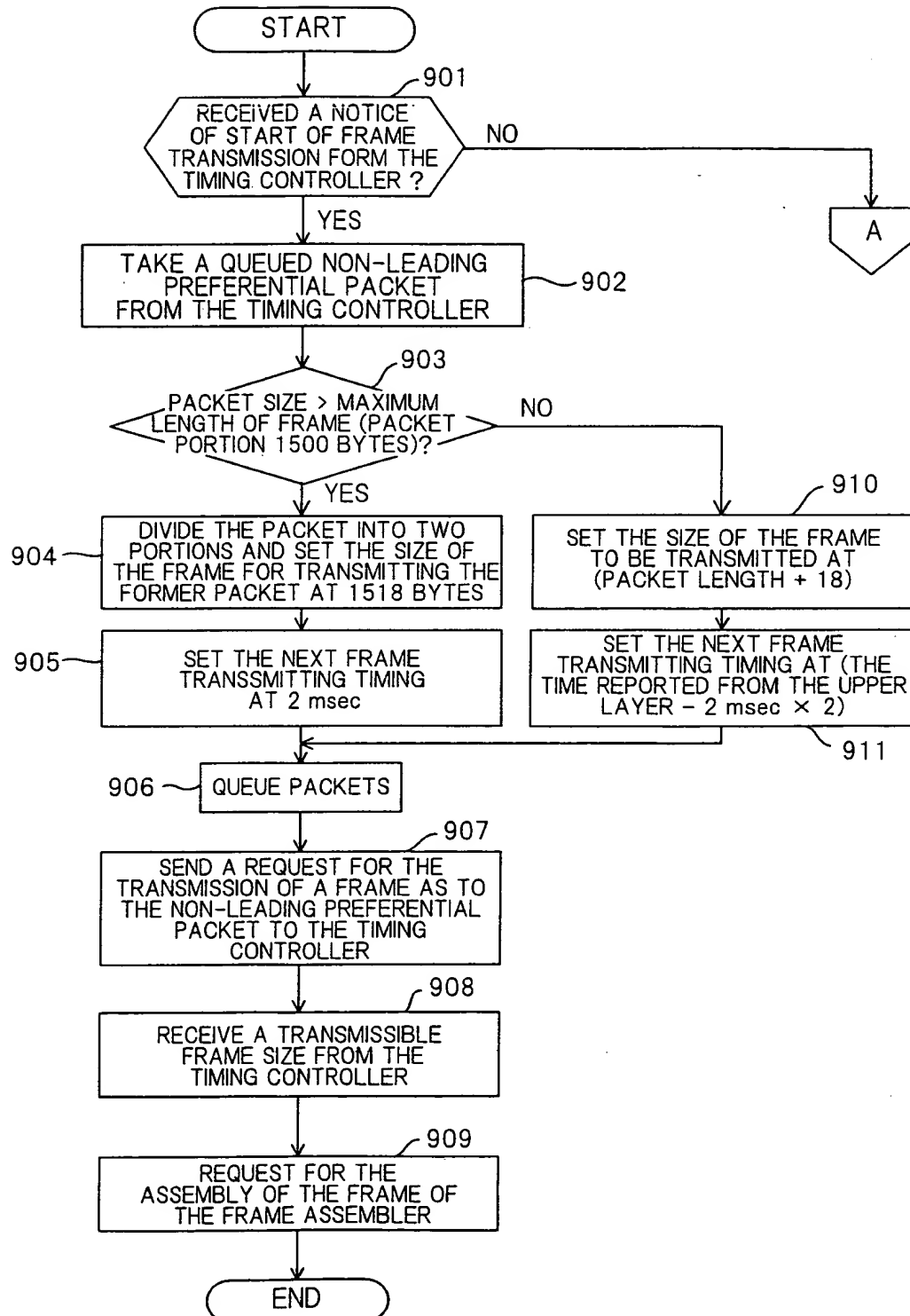
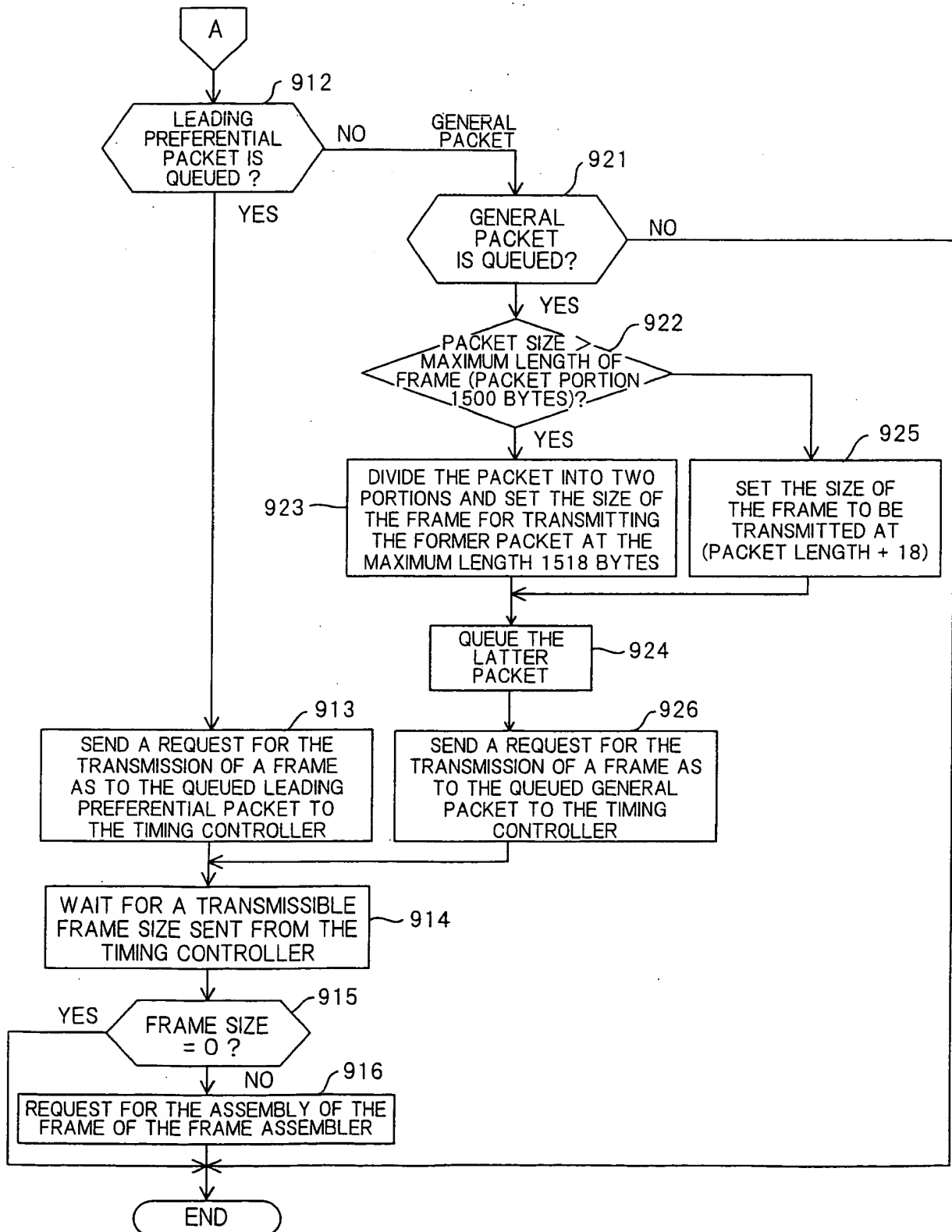
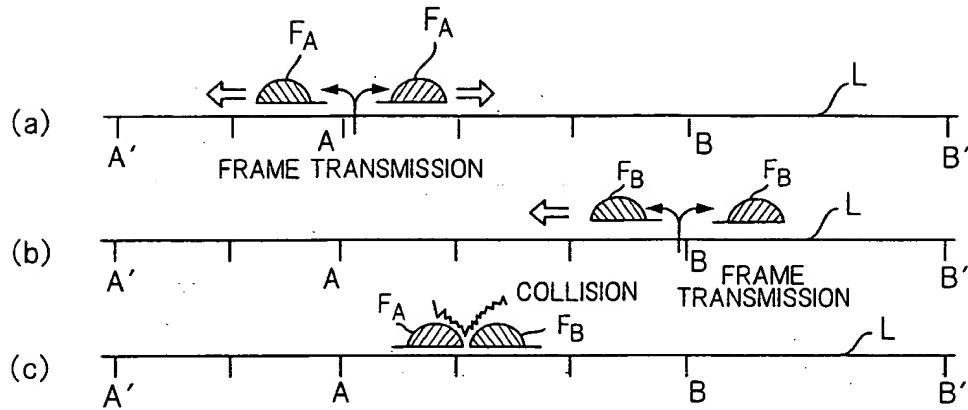
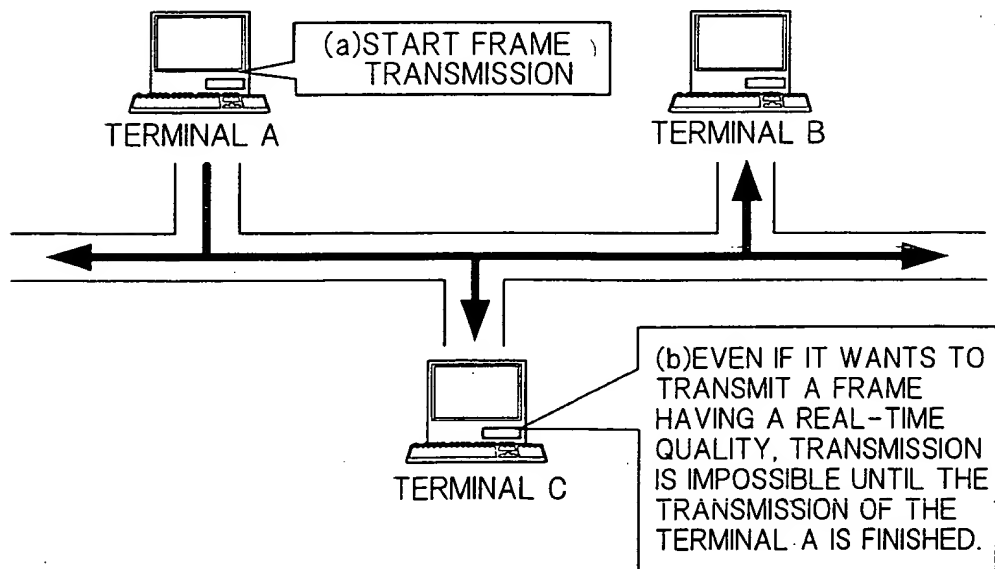
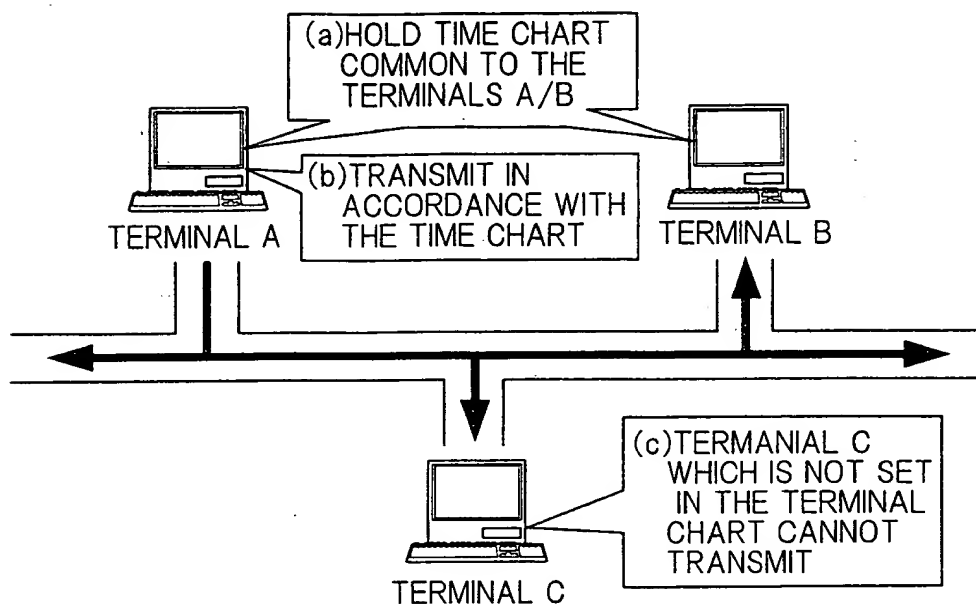


FIG. 33



*FIG. 34 PRIOR ART**FIG. 35 PRIOR ART*

*FIG. 36 PRIOR ART**FIG. 37 PRIOR ART*